INTRODUCTION

This 7.1 Channel USB 2.0 Sound Box is an easy-to-use, portable audio upgrade device for desktops or laptops. It provides ultra-immersive 7.1 surround sound output and crystal-clear audio quality for playback and recording. It plays DVDs and music in surround sound, makes games more realistic, and can be used to record or mix music. The advanced technology is packed into a bus-powered, stylish aluminum case that is simple to connect and use. The feature-rich software driver provides Speaker Shifter, Environment Sound Effects, Room Size Mode, Graphic Equalizer, and Karaoke functions.

FEATURES & SPECIFICATION

- Based on CMedia CM6206 7.1 channel USB audio controller
- Complies with USB 2.0 Full-Speed (12 Mbps) specification
- Complies with USB Audio Device Class Specification 1.0
- USB bus-powered (DC5.0V / 500mA). No external power adapter needed
- 8-channel analog outputs with 16-bit resolution
- 2-channel analog inputs with 16-bit resolution
- Mono microphone input with 16-bit resolution
- Microphone Boost On/Off button (For Microphone signal magnification)
- LED indicators: Microphone Boost, USB Status
- Supports 48 / 44.1 KHz sampling rate for both playback and recording
- Complies with IEC60958 specification (Consumer format S/PDIF input and output)
- SCMS (Serial Copy Management System) compliant
- Dolby® digital audio streaming via S/PDIF output
- Microsoft™ Vista Premium Level Compliant
- Plug and Play operation on most operating systems including: Windows 2000, XP 32/64-bit, Server 2003 32/64-bit, Vista 32/64-bit, Server 2008 32/64-bit, Windows 7 32/64-bit, Mac OS 9.0 or later, and Linux kernel 2.4 or later
- Dimension: 111.4mm x 68.2mm x 23.7mm

Free Xear 3D application software package for Windows

The following are the functions included in Xear 3D software:

- Xear 3D sound
- Speaker shifter

- Environment sound effects
- Room Size Mode
- Graphic Equalizer
- Karaoke Function
- Supports Windows 2000, XP 32/64-bit, Server 2003 32/64-bit, Vista 32/64-bit, Server 2008 32/64-bit, Windows 7 32/64-bit

PACKAGE CONTENTS

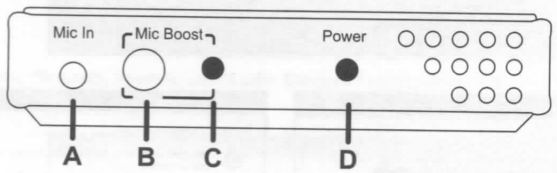
Please check whether the package contains the following items:

- 7.1 Channel USB 2.0 Sound Box x 1
- User Manual x 1
- Driver / application CD x 1
- Mini-USB cable x 1

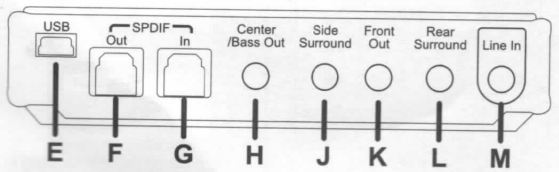
If any item is missing or damaged, please contact the retailer as soon as possible.

PRODUCT OVERVIEW

Front Panel:



Back Panel:



A. Mono microphone input
B. Microphone Boost On/Off switch
C. Microphone Boost LED indicator: Lights up when microphone boost is turned on
D. USB status LED indicator: Lights up when power is on. Blinks when transferring data

Mini-USB connector: Connect to computer USB port by the included USB cable
S/PDIF optical output: Connect to digital amplifier or surround sound decoder
S/PDIF optical input: Connect to S/PDIF optical output of another audio device
Center / Subwoofer analog output
Side Surround Left/Right analog output
Front Left/Right analog output: Become stereo output when audio source is 2-channel
Rear Surround Left/Right analog output
Analog Left/Right Line in

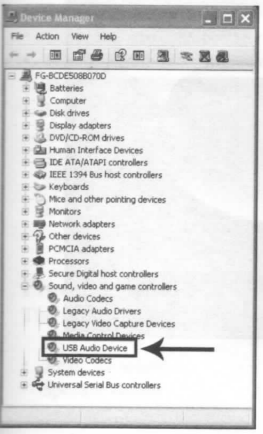
ARDWARE INSTALLATION

Connect your speakers, audio source, or microphone to the 7.1 Channel USB 2.0 Sound Box using audio cables with 3.5mm plug (not included in the package). If you use a pair of stereo speakers (2 channels) or a stereo headphone, please connect it to the **"Front-Out"** socket.

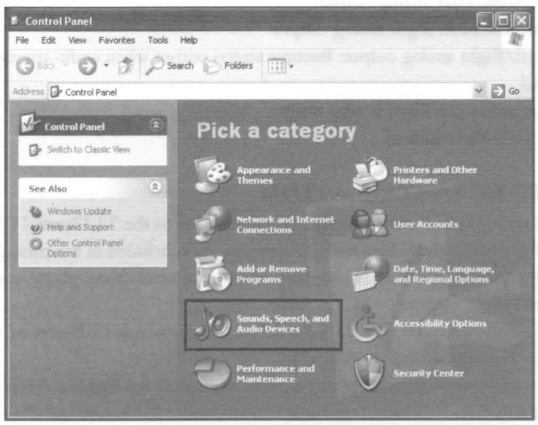
Connect the 7.1 Channel USB 2.0 Sound Box to an available USB port of your computer using the included USB cable.

The operating system will detect this adapter and install the build-in driver automatically.

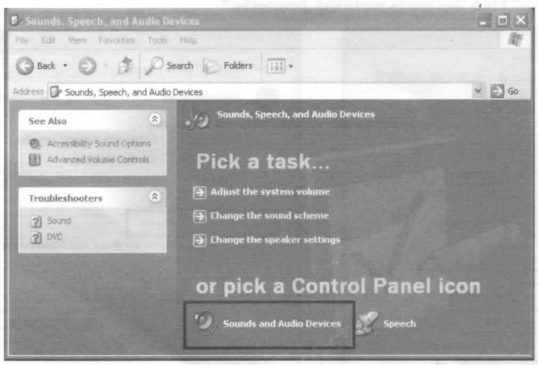
To verify the installation, open **Device Manager**, click **"Sound, video, and game controller"**, and then double click on **"USB Audio Device"**. The device status should be **"This device is working properly."**



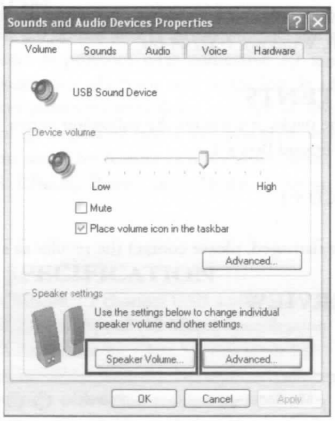
5. You can adjust various audio settings in the control panel, such as Speaker setup, Speaker volume, and Performance. In **Control Panel**, please click on **"Sounds, Speech, and Audio Devices"**

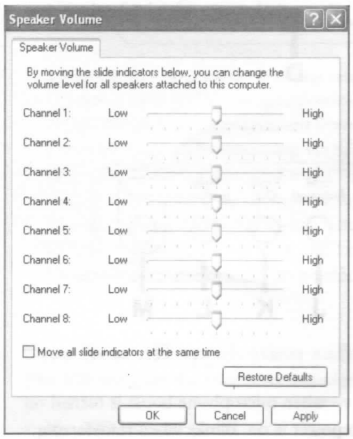


6. In the **"Sounds, Speech, and Audio Devices"** panel, please click on **"Sounds and Audio Devices".**



7. In the **"Sounds and Audio Devices Properties"** panel, please click on **"Speaker Volume..."** to adjust individual speaker volume, or click on **"Advanced..."** to adjust speaker setup and audio performance.



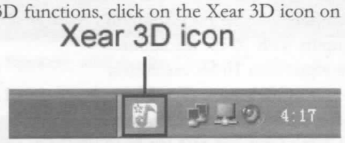

Speaker Volume
Speaker Volume
By moving the slide indicators below, you can change the volume level for all speakers attached to this computer.
Channel 1: Low High
Channel 2: Low High
Channel 3: Low High
Channel 4: Low High
Channel 5: Low High
Channel 6: Low High
Channel 7: Low High
Channel 8: Low High
Move all slide indicators at the same time
Restore Defaults
OK
Cancel
Apply

APPLICATION SOFTWARE INSTALLATION

Windows has default USB audio driver support, but if you want to enjoy fancy features like Speaker Shifter, Environment Emulation, Equalizer, and Karaoke/Magic Voice, please install Xear 3D software (Included in the package).

Installing Xear 3D for All Supported Windows OS

1. Before the software installation, you must plug in the USB 7.1ch audio adapter to your computer
2. Insert the driver CD into the optical drive
3. For Windows 7, go to the driver CD folder D:\Xear 3D 7.1\Windows_7; for other supported OS, go to the driver CD folder D:\Xear 3D 7.1\; then double click "Setup.exe" (Assuming the optical drive is at D:)
4. The InstallShield Wizard software will guide you the steps till the installation is completed.
5. You may be required to reboot the system after the software installation.
6. If the 7.1 Channel USB 2.0 Sound Box is connected to the computer, the Xear 3D icon will show up on the Windows task bar. This means the USB connection has been setup properly.
7. To access the Xear 3D functions, click on the Xear 3D icon on the Windows task bar.



GETTING THE LATEST DRIVER, SOFTWARE & DOCUMENT

To get the latest driver, software and document, please visit the following website:

http://www.drivers-download.com

In **"Drivers Search"** section, please enter the Download code (DL code): **DL-0326212** to search for the latest driver, software and document.

All contents and specification mentioned in this manual are subject to change without prior notice
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